

Luminaire

Code 90521+90535L009

Name REBA 50 /W EXT L2528+INT DIR BLINE 840 HO

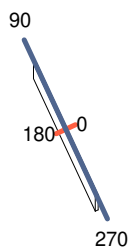
Measurem.

Code 25/7/2023

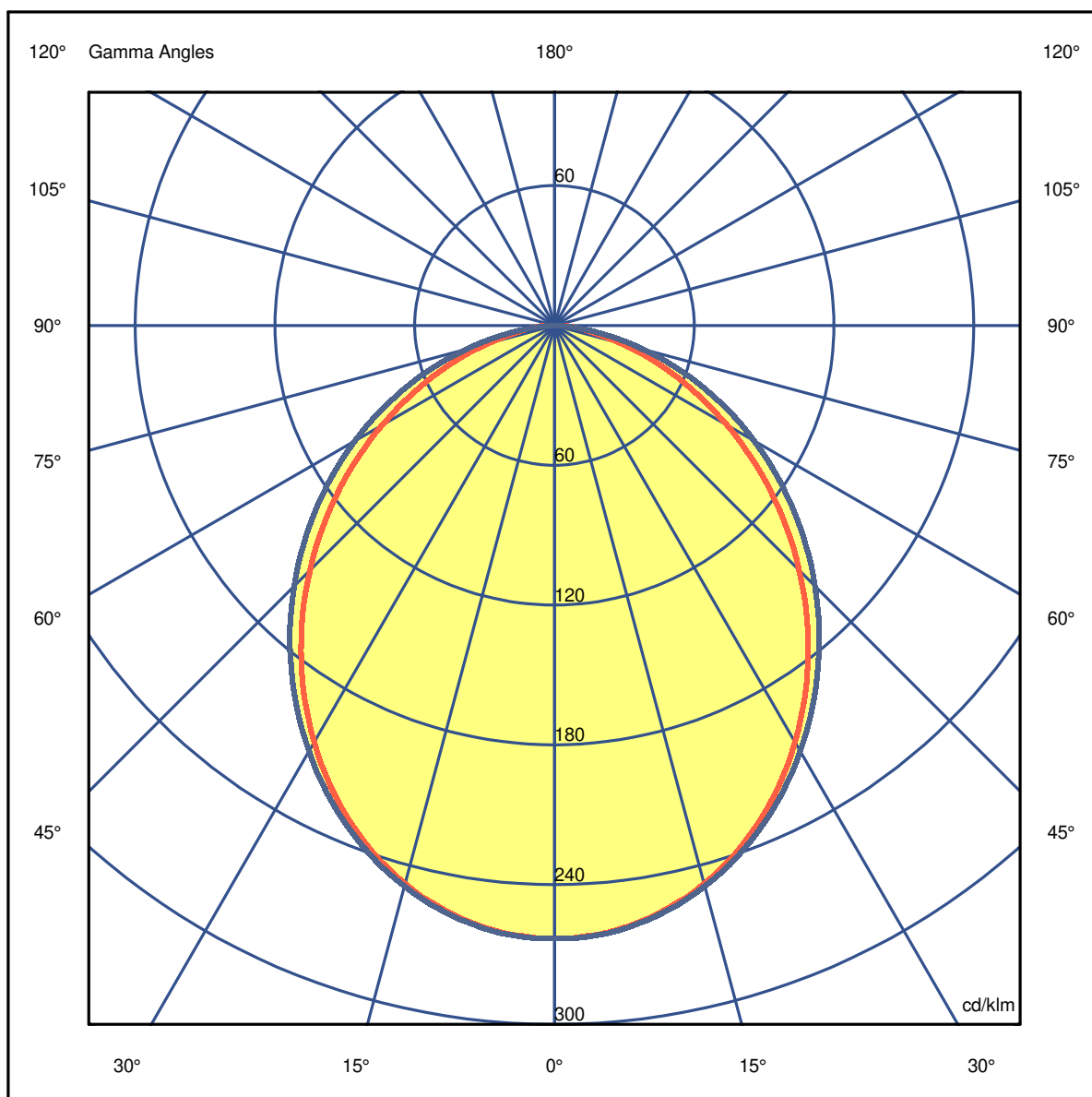
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Luminaire Flux	7610 lm	Luminaire Power	64.9 W	Efficacy	117.324 lm/W	Efficiency	65.39%
Source Flux	11637 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2528mm x 54mm



C Halfplanes



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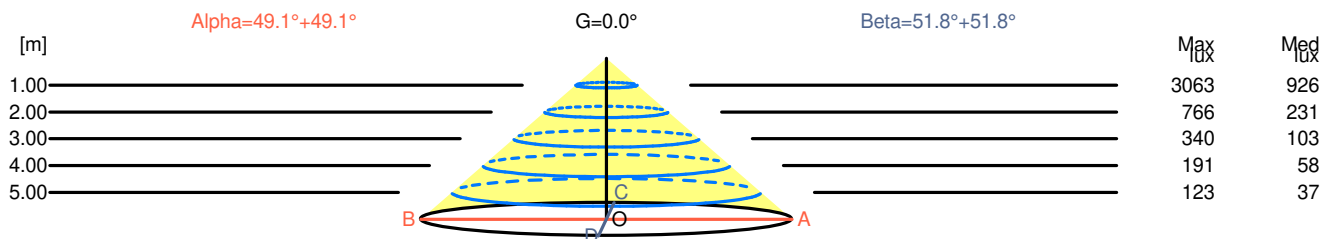
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.15	2.31	3.46	4.61	5.77	OC	1.27	2.54	3.82	5.09	6.36
OB	1.15	2.31	3.46	4.61	5.77	OD	1.27	2.54	3.82	5.09	6.36

	0	5	15	25	35	45	55	65	75	85
OA	3062.86	3043.08	2885.98	2591.56	2192.41	1728.09	1238.18	759.90	337.47	101.24
OB	3062.86	3043.08	2885.98	2591.56	2192.41	1728.09	1238.18	759.90	337.47	101.24
OC	3062.86	3046.57	2898.78	2628.80	2263.40	1839.81	1385.97	918.16	453.84	83.79
OD	3062.86	3046.57	2898.78	2628.80	2263.40	1839.81	1385.97	918.16	453.84	83.79



H[m]	D[m]	Max lux	Med lux	Alpha=49.1°+49.1°	G=0.0
1.00	2.31	3063	926		
2.00	4.61	766	231		
3.00	6.92	340	103		
4.00	9.23	191	58		
5.00	11.53	123	37		

H[m]	D[m]	Max lux	Med lux	Beta=51.8°+51.8°	G=0.0
1.00	2.54	3063	926		
2.00	5.09	766	231		
3.00	7.63	340	103		
4.00	10.18	191	58		
5.00	12.72	123	37		

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Source Flux	11637 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	22.0	23.3	22.3	23.5	23.7	22.6	23.9	22.9	24.1	24.3
x=2H y=3H	23.2	24.3	23.5	24.6	24.9	24.0	25.2	24.4	25.5	25.7
x=2H y=4H	23.6	24.7	23.9	24.9	25.2	24.6	25.7	24.9	25.9	26.2
x=2H y=6H	23.8	24.8	24.2	25.1	25.4	24.9	25.9	25.3	26.2	26.5
x=2H y=8H	23.9	24.8	24.2	25.1	25.5	25.0	25.9	25.4	26.3	26.6
x=2H y=12H	23.9	24.9	24.3	25.2	25.5	25.0	25.9	25.4	26.3	26.6
x=4H y=2H	22.7	23.7	23.0	24.0	24.3	23.1	24.2	23.5	24.5	24.8
x=4H y=3H	24.0	24.9	24.4	25.2	25.6	24.8	25.7	25.1	26.0	26.3
x=4H y=4H	24.5	25.3	24.9	25.6	26.0	25.4	26.2	25.8	26.6	26.9
x=4H y=6H	24.8	25.5	25.2	25.9	26.3	25.8	26.6	26.3	26.9	27.3
x=4H y=8H	24.9	25.5	25.3	25.9	26.3	26.0	26.6	26.4	27.0	27.4
x=4H y=12H	25.0	25.6	25.5	26.0	26.4	26.0	26.6	26.5	27.0	27.4
x=8H y=4H	24.7	25.4	25.2	25.8	26.2	25.6	26.2	26.0	26.6	27.0
x=8H y=6H	25.1	25.7	25.6	26.1	26.5	26.1	26.6	26.6	27.0	27.5
x=8H y=8H	25.3	25.8	25.8	26.2	26.7	26.3	26.7	26.7	27.2	27.6
x=8H y=12H	25.5	25.9	26.0	26.3	26.8	26.4	26.8	26.8	27.2	27.7
x=12H y=4H	24.7	25.3	25.2	25.7	26.2	25.5	26.1	26.0	26.5	27.0
x=12H y=6H	25.2	25.6	25.6	26.1	26.5	26.1	26.6	26.6	27.0	27.5
x=12H y=8H	25.4	25.8	25.9	26.2	26.7	26.3	26.7	26.8	27.2	27.6

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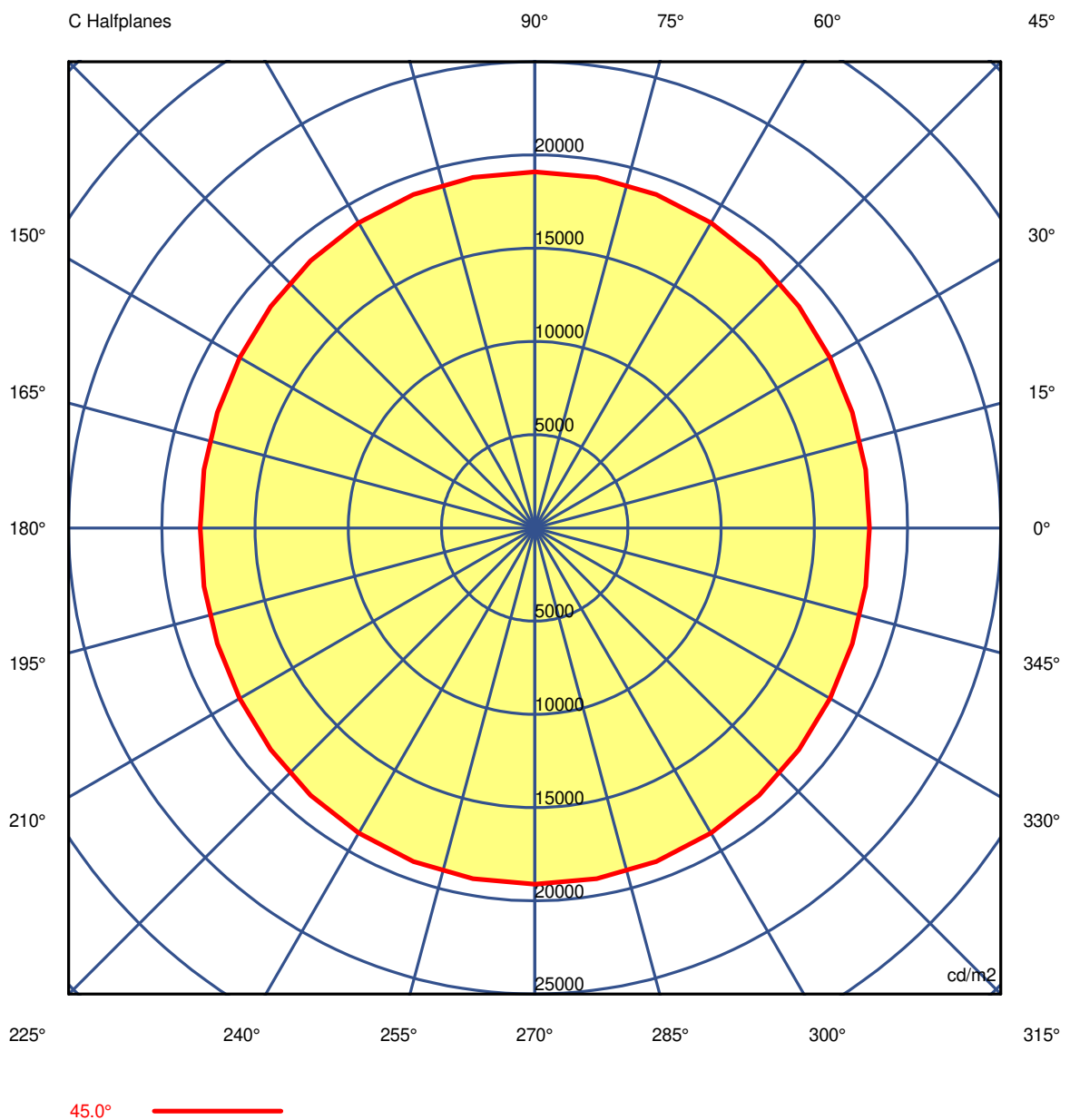
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Luminaire Flux	7610 lm	Luminaire Power	64.9 W	Efficacy	117.324 lm/W	Efficiency	65.39%
Source Flux	11637 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux		7610 lm		Luminaire Power		64.9 W		Efficacy		117.324 lm/W		Efficiency		65.39%	
Source Flux		11637 lm		Maximum value		263.20 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														Table 1/3	
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00		
G 0.0	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490
G 5.0	22430	22439	22433	22421	22425	22434	22439	22439	22442	22456	22442	22439	22439	22439	22439
G 10.0	22238	22252	22256	22256	22260	22270	22282	22289	22290	22290	22290	22289	22289	22289	22282
G 15.0	21939	21952	21959	21965	21982	22001	22018	22032	22036	22036	22036	22036	22032	22018	22018
G 20.0	21524	21540	21563	21587	21604	21631	21669	21698	21705	21705	21705	21698	21669	21669	21669
G 25.0	20996	21028	21058	21091	21132	21183	21232	21268	21288	21298	21288	21268	21232	21232	21232
G 30.0	20365	20392	20446	20523	20595	20669	20740	20786	20806	20809	20806	20786	20740	20740	20740
G 35.0	19653	19689	19749	19840	19955	20080	20185	20242	20270	20289	20270	20242	20185	20185	20185
G 40.0	18840	18894	18975	19096	19255	19429	19576	19655	19693	19721	19693	19655	19576	19576	19576
G 45.0	17945	18018	18125	18283	18488	18707	18900	19030	19091	19105	19091	19030	18900	18900	18900
G 50.0	16976	17040	17176	17388	17627	17904	18172	18335	18422	18478	18422	18335	18172	18172	18172
G 55.0	15851	15944	16112	16372	16688	17048	17385	17604	17707	17743	17707	17604	17385	17385	17385
G 60.0	14612	14703	14899	15210	15571	15994	16423	16737	16887	16919	16887	16737	16423	16423	16423
G 65.0	13203	13290	13473	13789	14222	14751	15285	15683	15888	15953	15888	15683	15285	15285	15285
G 70.0	11667	11733	11882	12167	12601	13158	13766	14302	14603	14690	14603	14302	13766	13766	13766
G 75.0	9574	9683	9899	10235	10630	11127	11753	12428	12815	12876	12815	12428	11753	11753	11753
G 80.0	7873	7705	7706	7873	8098	8497	9103	9774	10211	10383	10211	9774	9103	9103	9103
G 85.0	8530	8329	8146	7941	7610	7027	6471	6445	6721	7059	6721	6445	6471	6471	6471
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		11637 lm		Maximum value		263.20 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical											
Luminance cd/m2														Table 2/3											
C 130.00		C 140.00		C 150.00		C 160.00		C 170.00		C 180.00		C 190.00		C 200.00		C 210.00		C 220.00		C 230.00		C 240.00		C 250.00	
G 0.0	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490
G 5.0	22434	22425	22421	22433	22439	22430	22439	22433	22421	22425	22434	22439	22433	22421	22425	22434	22439	22433	22421	22425	22434	22439	22433	22421	22425
G 10.0	22270	22260	22256	22256	22252	22238	22252	22256	22256	22260	22270	22270	22260	22256	22256	22270	22270	22260	22256	22256	22270	22270	22260	22256	22256
G 15.0	22001	21982	21965	21965	21959	21952	21939	21952	21959	21965	21982	22001	21982	21965	21965	21982	22001	21982	21965	21965	21982	22001	21982	21965	21965
G 20.0	21631	21604	21587	21563	21540	21524	21540	21563	21587	21604	21631	21669	21631	21604	21587	21604	21669	21631	21604	21587	21604	21669	21631	21604	21587
G 25.0	21183	21132	21091	21058	21028	20996	21028	21058	21091	21132	21183	21232	21183	21132	21091	21132	21232	21183	21132	21091	21132	21232	21183	21132	21091
G 30.0	20669	20595	20523	20446	20392	20365	20392	20446	20523	20595	20669	20740	20669	20595	20523	20669	20740	20669	20595	20523	20669	20740	20669	20595	20523
G 35.0	20080	19955	19840	19749	19689	19653	19689	19749	19840	19955	20080	20185	20080	19955	19840	19955	20185	20080	19955	19840	19955	20185	20080	19955	19840
G 40.0	19429	19255	19096	18975	18894	18840	18894	18975	19096	19255	19429	19576	19429	19255	19096	19255	19576	19429	19255	19096	19255	19576	19429	19255	19096
G 45.0	18707	18488	18283	18125	18018	17945	18018	18125	18283	18488	18707	18900	18707	18488	18283	18488	18900	18707	18488	18283	18488	18900	18707	18488	18283
G 50.0	17904	17627	17388	17176	17040	16976	17040	17176	17388	17627	17904	18172	17904	17627	17388	17627	18172	17904	17627	17388	17627	18172	17904	17627	17388
G 55.0	17048	16688	16372	16112	15944	15851	15944	16112	16372	16688	17048	17385	17048	16688	16372	16688	17385	17048	16688	16372	16688	17385	17048	16688	16372
G 60.0	15994	15571	15210	14899	14703	14612	14703	14899	15210	15571	15994	16423	15994	15571	15210	15571	16423	15994	15571	15210	15571	16423	15994	15571	15210
G 65.0	14751	14222	13789	13473	13290	13203	13290	13473	13789	14222	14751	15285	14751	14222	13789	14222	15285	14751	14222	13789	14222	15285	14751	14222	13789
G 70.0	13158	12601	12167	11882	11733	11667	11733	11882	12167	12601	13158	13766	13158	12601	12167	12601	13766	13158	12601	12167	12601	13766	13158	12601	12167
G 75.0	11127	10630	10235	9899	9683	9574	9683	9899	10235	10630	11127	11753	11127	10630	10235	10630	11753	11127	10630	10235	10630	11753	11127	10630	10235
G 80.0	8497	8098	7873	7706	7705	7873	7705	7706	7873	8098	8497	9103	8497	8098	7873	8098	9103	8497	8098	7873	8098	9103	8497	8098	7873
G 85.0	7027	7610	7941	8146	8329	8530	8329	8146	7941	7610	7027	6471	7027	7610	7941	7610	6471	7027	7610	7941	7610	6471	7027	7610	7941
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	11637 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	22490	22490	22490	22490	22490	22490	22490	22490	22490	22490
G 5.0	22442	22456	22442	22439	22439	22434	22425	22421	22433	22439
G 10.0	22290	22290	22290	22289	22282	22270	22260	22256	22256	22252
G 15.0	22036	22036	22036	22032	22018	22001	21982	21965	21959	21952
G 20.0	21705	21705	21705	21698	21669	21631	21604	21587	21563	21540
G 25.0	21288	21298	21288	21268	21232	21183	21132	21091	21058	21028
G 30.0	20806	20809	20806	20786	20740	20669	20595	20523	20446	20392
G 35.0	20270	20289	20270	20242	20185	20080	19955	19840	19749	19689
G 40.0	19693	19721	19693	19655	19576	19429	19255	19096	18975	18894
G 45.0	19091	19105	19091	19030	18900	18707	18488	18283	18125	18018
G 50.0	18422	18478	18422	18335	18172	17904	17627	17388	17176	17040
G 55.0	17707	17743	17707	17604	17385	17048	16688	16372	16112	15944
G 60.0	16887	16919	16887	16737	16423	15994	15571	15210	14899	14703
G 65.0	15888	15953	15888	15683	15285	14751	14222	13789	13473	13290
G 70.0	14603	14690	14603	14302	13766	13158	12601	12167	11882	11733
G 75.0	12815	12876	12815	12428	11753	11127	10630	10235	9899	9683
G 80.0	10211	10383	10211	9774	9103	8497	8098	7873	7706	7705
G 85.0	6721	7059	6721	6445	6471	7027	7610	7941	8146	8329
G 90.0	0	0	0	0	0	0	0	0	0	0